WE CLAIM:

1	1. A system for transmitting messages between a platform domain and an		
2	application domain for a product, the system comprising:		
3	a platform domain having a software component and an interface component, the		
4	interface component having at least one interface for providing an application or a module in		
5	the application domain with access to the software component, and a message transmitting		
6	mechanism for transmitting messages between the platform domain and the application		
7	domain via the interface; the message transmitting mechanism including:		
8	a message model for allowing an application or another module in the		
9	application domain to select or switch between either a callback mode or a full message mode		
10	for receiving messages from the platform domain; and		
11	a message handler for routing messaging according to the selected mode.		
1	2. The system according to claim 1, wherein the message handler is included in		
2	the platform domain.		
1	3. The system according to claim 2, wherein:		
2	the interface comprises a middleware services layer; and		
3	the message handler comprises a Native Application Core module that acts as a router		
4	included in the middleware services layer.		
1	4. The system according to claim 3, wherein the Native Application Core module		

is included in an Open Platform API (OPA) domain of the middleware services layer.

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1	5.	The system according to claim 1, wherein support for the message model is	
2	included in the	e platform domain and controlled by the modules in the application domain.	
1	6.	The system according to claim 1, wherein, if the callback mode is selected, the	
2	callback mode	is entered by the application returning execution control to the message	
3	handler after t	he invocation of a callback function/procedure/method.	
1	7.	The system according to claim 1, wherein if the full message mode is selected,	
2	the full message mode is entered by the application keeping the execution control after the		
3	invocation of	a callback function/procedure/method and polling the message handler for	
4	queued messages.		
1	8.	The system according to claim 1, wherein the application or the module in the	
2	application domain may change or switch between the callback mode and the full message		
3	mode at any ti	me.	
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5	9.	The system according to claim 1, wherein the platform domain comprises a	

platform for a mobile terminal for a wireless telecommunications system.

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1	10. A method of transmitting messages between an application domain and a
2	platform domain, the platform domain having a software component and an interface
3	component having at least one interface for providing an application or a module in the
4	application domain with access to the software component, the method comprising:
5	the application or the module in the application domain selecting either a callback
6	mode or a full message mode or switching between the callback mode and the full message
7	mode, the modes being for receiving messages from the platform domain; and
8	a message handler routing messaging according to the selected mode.
1	11. The method according to claim 10, wherein, if the callback mode is selected,
2	the method further includes the step of entering the callback mode by the application
3	returning execution control to the message handler after the invocation of a callback
4	function/procedure/method.
1	12. The method according to claim 10, wherein if the full message mode is
2	selected, the method further includes the step of entering the full message mode by the
3	application keeping the execution control after the invocation of a callback
4	function/procedure/method and polling the message handler for queued messages.
1	13. The method according to claim 10, further including the step of the application
2	or the module in the application domain switching between the callback mode and the full
3	message mode at any time.

2 platform for a mobile terminal for a wireless telecommunications system. 1 15. A message transmitting mechanism for transmitting messages between first 2 and second software components, the message transmitting mechanism comprising: 3 a message model for allowing one of the first and second software components to 4 select either a callback mode or a full message mode or switch between the callback mode 5 and the full message mode, the modes being for receiving messages between the first and 6 second software components; and 7 a message handler for routing messaging according to the selected mode. 1 16. The mechanism according to claim 15, wherein the second software 2 component is in a platform domain that includes an interface component comprising an 3 interface for providing the first software component with access to the second software 4 component, and wherein the message handler is included in the interface component. 1 17. The mechanism according to claim 16, wherein: 2 the interface component comprises a middleware services layer; 3 the message handler comprises a Native Application Core module included in the 4 middleware services layer; and 5 the Native Application Core module is adapted to act as a router. 1 18. The mechanism according to claim 17, wherein the Native Application Core 2 module is included in an Open Platform API (OPA) domain of the middleware services layer.

The method according to claim 10, wherein the platform domain comprises a

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1	19.	The mechanism according to claim 15, wherein support for the message model		
2	is included in	the platform domain and controlled by the modules in the application domain.		
1	20.	The mechanism according to claim 15, wherein, if the callback mode is		
2	selected, the	callback mode is entered by the application returning execution control to the		
3	message hand	ller after the invocation of a callback function/procedure/method.		
1	21.	The mechanism according to claim 15, wherein if the full message mode is		
2	selected, the f	full message mode is entered by the application keeping the execution control		
3	after the invocation of a callback function/procedure/method and polling the message handler			
4	for queued messages.			
1	22.	The mechanism according to claim 15, wherein the application may switch		
2	between the c	callback mode and the full message mode at any time		
1	23.	The mechanism according to claim 16, wherein the platform domain		
2	comprises a p	latform for a mobile terminal for a wireless telecommunications system.		